

WHAT IS CLAIMED IS:

1. A cartridge type applicator comprising:

a hollow barrel body;

an applying portion provided so that part thereof is
5 projected from the front end of the barrel body;

a cartridge tank which can be removably inserted from
the rear end of the barrel body and can store the application
liquid and supply the application liquid to the applying
portion;

10 a sealing plug constituting the rear end wall of the
tank;

a rod member attached to the sealing plug for causing
the sealing plug to move in the axial direction of the tank
and;

15 an actuator for causing the rod member and sealing plug
to move in the axial direction by rotation thereof.

2. The cartridge type applicator according to Claim 1,
wherein a tail plug which covers part of the actuator and
is unable to rotate relative to the actuator is rotatably
20 and removably attached at the rear end part of the barrel
body, the actuator is turned by rotating the tail plug in
the circumferential direction, whereby the rod member and
sealing plug are caused to move in the axial direction.

3. The cartridge type applicator according to Claim 2,
25 wherein an engaging portion for engagement with the outer

wall of the actuator is formed along the axial direction in the inner wall of the tail plug while an engaging portion for engagement with the inner wall of the tail plug is formed along the axial direction in part of the outer wall of the actuator, so that the tail plug and actuator are disabled to rotate relative to the other by the mutual engagement between the tail plug and the actuator.

4. The cartridge type applicator according to Claim 1, wherein the actuator is configured so as to provide the function of the tail plug for the barrel body.

5. The cartridge type applicator according to Claim 2, wherein an engaging portion is formed circumferentially on the outer or inner wall surface of the tail plug while an engaging portion is formed circumferentially on the inner or outer wall surface of the barrel body, and the tail plug or the barrel body is formed with a slit, extending in the axial direction and, allowing for easy press fit and easy removal, whereby the tail plug is press fitted into or over the rear end part of the barrel body so that the engagement portions engage with each other in a disengageable manner.

6. The cartridge type applicator according to Claim 4, wherein an engaging portion is formed circumferentially on the outer or inner wall surface of the tail plug while an engaging portion is formed circumferentially on the inner or outer wall surface of the barrel body, and the tail plug

or the barrel body is formed with a slit, extending in the axial direction and, allowing for easy press fit and easy removal, whereby the tail plug is press fitted into or over the rear end part of the barrel body so that the engagement portions engage with each other in a disengageable manner.

7. The cartridge type applicator according to Claim 1, wherein the tank has in the inner wall at the front end part thereof a socket for a removable sealing element which seals the front end opening, and the inner wall of the socket is formed in a turnup wall configuration in which a clearance is formed around the inner wall.

8. The cartridge type applicator according to Claim 7, wherein the sealing element provides the function of an agitator of the application liquid in the tank.

9. The cartridge type applicator according to Claim 1, wherein the tank has in the inner wall at the front end part thereof a socket for a removable sealing element which seals the front end opening, and the socket is constituted by a substantially pipe-like element formed of a thermoplastic resin molding.

10. The cartridge type applicator according to Claim 9, wherein the sealing element provides the function of an agitator of the application liquid in the tank.

11. The cartridge type applicator according to Claim 1, wherein an engaging portion is formed in the cartridge tank

along the axial direction thereof while an engaging portion is formed in the inner wall of the barrel body in the axial direction thereof, so that when the tank is fitted, the engaging portions of the tank and the barrel body engage each other and the barrel body interior and the tank are disabled to rotate relative to the other.

12. The cartridge type applicator according to Claim 2, wherein an engaging portion is formed in the cartridge tank along the axial direction thereof while an engaging portion is formed in the inner wall of the barrel body in the axial direction thereof, so that when the tank is fitted, the engaging portions of the tank and the barrel body engage each other and the barrel body interior and the tank are disabled to rotate relative to the other.

13. The cartridge type applicator according to Claim 4, wherein an engaging portion is formed in the cartridge tank along the axial direction thereof while an engaging portion is formed in the inner wall of the barrel body in the axial direction thereof, so that when the tank is fitted, the engaging portions of the tank and the barrel body engage each other and the barrel body interior and the tank are disabled to rotate relative to the other.

14. The cartridge type applicator according to Claim 1, further comprising:

a removable cap for covering the applying portion; and

an inner cap element disposed in the cap and pressed toward the applying portion by means of an elastic element when the cap is fitted, wherein the inner cap element has a mouth which can come into sealing contact with the outer peripheral wall face of the applying portion, with a predetermined pressure.

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15. The cartridge type applicator according to Claim 14, wherein the inner cap element is suspended by the elastic element so that it can move in the axial direction within the cap.

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16. The cartridge type applicator according to Claim 15, wherein a stopper projection is formed in the inner wall of the cap so as to limit excess movement of the inner cap when the cap is removed.

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